

Amendments to the Claims:

Please amend claim 1 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An adjuvant comprising an attenuated toxin having a residual toxic activity of less than one-two thousandth ($<1/2000$) that of the natural toxin corresponding thereto and having an activity of enhancing production of an antibody specific to an antigen other than the attenuated toxin, prepared by attenuating a toxin, or a subunit thereof, which retains serine residues, glutamic acid residues, and lysine residues of the natural toxin in its ~~natural~~ amino acid sequence, and having a formalin molecule bound to a lysine residue of the toxin, wherein said toxin is selected from the group consisting of cholera toxin, pertussis toxin, heat-labile toxin of pathogenic *E. coli*, Staphylococcus α toxin and β toxin, ~~heat-labile toxin of pathogenic *E. coli*, Staphylococcus α toxin and β toxin~~, and thermostable hemolytic toxin of *Vibrio parahaemolyticus*.

2. (Original) The adjuvant of claim 1, wherein said toxin is a mutant having an amino acid sequence of the corresponding natural toxin wherein one or more amino acid residues are substituted, inserted, deleted, and/or added, and having an adjuvant activity.

3. (Original) The adjuvant of claim 1, wherein said toxin is a natural toxin.

Claims 4 and 5 (Canceled)

6. (Previously Presented) The adjuvant of claim 1, wherein said toxin is a natural cholera toxin prepared by attenuating a natural cholera toxin with formalin treatment.

7. (Original) The adjuvant of claim 6, wherein said residual toxic activity is less than one-ten thousandth ($1/10,000$) that of said corresponding natural toxin.

8. (Withdrawn) A vaccine preparation comprising the adjuvant of claim 1 and one or more vaccine antigens.
9. (Withdrawn) The vaccine preparation of claim 8, wherein said vaccine preparation is formulated for intranasal administration.
10. (Withdrawn) The vaccine preparation of claim 8, wherein said vaccine preparation is formulated for oral administration.
11. (Withdrawn) The vaccine preparation of claim 8, wherein the vaccine preparation is formulated for percutaneous administration.
12. (Withdrawn) The vaccine preparation of claim 8, wherein said vaccine comprises one or more antigens from one or more pathogenic microorganisms, said microorganisms selected from the group consisting of influenza virus, rotavirus, measles virus, rubella virus, mumps virus, AIDS virus, Bordetella pertussis, diphtheria bacillus, Helicobacter pylori, enterohaemorrhagic Escherichia coli (EHEC), Chlamydia, Mycoplasma, Malaria parasite, coccidium protozoa, schistosome, Clostridium tetani, hepatitis B virus, and Japanese encephalitis virus.
13. (Previously Presented) The adjuvant of claim 1, wherein said toxin is attenuated by chemical treatment.
14. (Withdrawn) A method of vaccination comprising administering the vaccine preparation of claim 8 to a subject in need thereof.
15. (Withdrawn) The method of claim 14, wherein the vaccine preparation is administered orally, intravenously, intranasally, or percutaneously.